BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images, please do not report the images to the Image Problem Mailbox.

Refine Search

Search Results -

Terms	Documents
L12 and factor and parameters	11

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

Refine Search

Recall Text | Clear | Interrupt

Search History

DATE: Friday, July 16, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR			
L14	L12 and factor and parameters	11	L14
L13	"traffic control system" and scheduler and calendar and queu$5	48	L13
L12	L11 and queu$5	32	L12
L11	L5 and traffic same control and scheduler and calendar	32	L11
L10	L7 and calendar	1	L10
L9	L7 and scheduler	17	L9
L8	L7 and scheduler and calendar	1	L8
L7	709/232.ccls. and traffic near control	54	L7
L6	L3 and L5 and traffic same control same system	8	L6
L5	370/230-234.ccls.	1778	L5
L4	((709/232.ccls.) and (370/230-234.ccls.))	46	L4
L3	709/232.ccls.	865	L3
L2	(709/232.ccls. and 370/230-234.ccls.)	46	L2
L1	709/232.ccls. and 370/230-234.ccls.	46	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L12 and factor and parameters	11

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: amplifier near traffic near parameters

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Friday, July 16, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR			
L14	L12 and factor and parameters	11	L14
L13	"traffic control system" and scheduler and calendar and queu$5	48	L13
L12	L11 and queu$5	32	L12
L11	L5 and traffic same control and scheduler and calendar	32	L11
L10	L7 and calendar	1	L10
L9	L7 and scheduler	17	L9
L8	L7 and scheduler and calendar	1	L8
L7	709/232.ccls. and traffic near control	54	L7
L6	L3 and L5 and traffic same control same system	8	L6
L5	370/230-234.ccls.	1778	L5
L4	((709/232.ccls.) and (370/230-234.ccls.))	46	L4
L3	709/232.ccls.	865	L3
L2	(709/232.ccls. and 370/230-234.ccls.)	46	L2
L1	709/232.ccls. and 370/230-234.ccls.	46	L1

END OF SEARCH HISTORY

NPL Services for Examiners

NEW **ScienceDirect Journals**
Xreferplus
--Multidisciplinary reference works including encyclopedias, dictionaries, thesauri and books of quotations.

Friday, July 16, 2004

STIC's mission is to connect examiners to critical prior art by providing information services and access to NPL electronic resources and print collections. A STIC facility is located in each Technology Center.

Most of the electronic resources listed on this site are accessed via the Internet. **Please obey USPTO "Rules of the Road (PDF Text)" when using Internet resources.**

Specialized Information Resources for Technology Centers

Select a Technology Center
TC2100 GO

Information Resources and Services

Breaking News on Emerging Technologies
List of Major E-Resources
List of eJournal and eBook Titles
Reference Tools
Legal Resources
Nanotechnology
STIC Online Catalog
PLUS System
Foreign Patent Services
Translation Services
Trademark Law Library

Request STIC Services from your Desktop

Request a Prior Art Search
Request Delivery of a Book or Article
Request Purchase of a Book/Journal
Request Foreign Patent Document
Request a Translation
Request PLUS Search

If you cannot access some files because of a missing or non-working plug-in for PDFs or Word Documents, please contact the Help Desk at 305-9000 for installation assistance.

Intranet Home | Index | Resources | Contacts | Internet | Search | Firewall | Web Services

Last Modified: 06/16/2004 11:57:50

TC2100: EIC Resources and Services

Xreferplus
ScienceDirect Journals
Daily Breaking News on Emerging Technologies:
- Encryption
- Information & Data Security
- Internet Security

Friday, July 16, 2004

These resources and services provide examiners with access to critical prior art. Most of the electronic resources listed on this page are accessed via the Internet. **Please obey USPTO "Rules of the Road (PDF Text)" when using Internet resources.**

➪ indicates tools featured in TC's NPL training.

Information Resources

Information Resources by Class and Subclass

Databases

➪ ACM Digital Library
Business Source Corporate
(Multidisciplinary subject coverage)
Dialog Classic on the Web
(Training and password required.)
DTIC STINET
(Citations of Defense Technical Information Center scientific and technical documents)
EEDD Submission Form
Examiners' Electronic Digest Database (EEDD)
(Database of examiner submitted NPL)
EPOQUE
(EPO's databases, available on stand-alone terminal in CPK2, 4B40)
GrayLIT Network
(Multidisciplinary database of scientific and technical information from DTIC, NASA, DOE, and EPA)

➪ IEEE Xplore
(Full page images of over 800,000 Electrical & Electronic Engineering articles, papers and standards, 1988 - present. Select content is available from 1952-1987.)
INSPEC
(Seven million well-indexed physics, EE, and IT abstracts, 1969-present)
IP.com
(Defensive disclosures published to the Disclosures IP.com database from various websites)
NTIS (National Technical Information Service)
(resource for government-funded scientific, technical, engineering, and business related information)
Proquest Direct
(Multidisciplinary subject coverage)
Readers' Guide to Periodical Literature

(citations to popular multidisciplinary magazines)

Research Disclosure
(Published monthly as a paper journal and now as an online database product with advanced full text searching capabilities for defensive disclosure information.)

ScienceDirect
(scientific, technical, and medical journals)

Software Patent Institute (SPI) (Select "Free Access")
(Searchable database of Software Technologies.)

SPIE Digital Library
(journals and proceedings on optics and photonics)

STN on the Web (training and password required)
(The other link is via the Patent Examiner's Toolkit. On your computer, click on the START button, then on the PE Toolkit, then on STN Express.)

True Query
(A resurrected version of the old "Computer Select" database, providing full text access to over 100 technology focused publications, a glossary of technical terms, product reviews and over 60,000 product specifications from 1999 to the present. If html code appears on your screen, click browser's "Reload" or "Refresh" button.)

Books and Journals

Search STIC Online Catalog

InfoSECURITYnetBASE
(Information security)

Knovel
(Applied science and engineering)

NetLibrary.com
(Multidisciplinary subject coverage)

Safari Online Books
(Computer and information technology)

Springer Publishing Company
(biotech, physics, and computer journals)

Daily Newspapers

Fulltext newspaper articles are available electronically in Proquest Direct.

CD-ROM Resources

Older full text NPL resources/articles received in CD-Rom format. These resources are available on EIC2100 PCs in CPK2, 4B40.

Equipment

Reference Tools

Bartleby.com
(Several versions of Roget's Thesaurus, a dictionary, an encyclopedia, quotations, English usage books and more.)

Computer References
(Dictionaries, Acronyms Finders, Encyclopedias)

Efunda
(30,000 pages of engineering fundamentals and calculators)

Encyclopedia Britannica

Encyclopedia of Software Engineering

Eric Weisstein's World of Mathematics
(A comprehensive online encyclopedia of mathematics.)

HowStuffWorks
(Search a term to find articles that explain how it works.)

Over 2000 Glossary Links
(Links to numerous technical, specialty, and general glossaries.)

PCWebopedia
Wiley Encyclopedia of Electrical and Electronics Engineering
Yourdictionary.com
(Numerous "specialty dictionaries"... technological, law, business related and more.)

Services

EIC2100 Staff
Foreign Patent Services
PLUS
Request a PLUS Search
[IFW case] [Paper case]
Request a Book/Journal Purchase
Request a Book or Article
Request a Foreign Patent Publication
[e-submit] [Printable form]
Request a Prior Art Search
[e-submit] [Printable form]
Fast & Focused Search Criteria
STIC Online Catalog
Translation Services

Web Resources

A Brief History of the Hard Disk Drive

CiteSeer (ResearchIndex)
(Full text scientific research papers - in pdf and postscript formats.)
Interfacebus.com
(Listing of Electronic Interface Buses with links to standards and specifications.)
Internet Engineering Task Force
(The IETF Secretariat, run by The Corporation for National Research Initiatives with funding from the US government, maintains an index of Internet-Drafts.)
Nanotechnology
PCI Specifications (username: uspto; password: pat222)
("Peripheral Component Interconnect" specifications and white papers.)
Requests for Comments (RFCs) Database
(Requests for Comments (RFC) document series is a set of technical and organizational notes about the Internet (originally the ARPANET), beginning in 1969 and discussing many aspects of computer networking, including protocols, procedures and concepts as well as meeting notes and opinions.)

Usenet Archive (Google Groups)

Wayback Machine
(Archived web pages.)

Submit comments and suggestions to Anne Hendrickson To report technical problems, click here

If you cannot access some files because of a missing or non-working plug-in for PDFs or Word Documents, please contact the Help Desk at 305-9000 for installation assistance.

IEEE Xplore® RELEASE 1.8

Welcome
United States Patent and Trademark Office

Over **1,051,129** documents available

Welcome to IEEE *Xplore*

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Enterprise

- Access the IEEE Enterprise File Cabinet

IEEE ANNOUNCES NEW RELEASE FOR IEEE *XPLORE* ENHANCEMENTS - LEARN MORE.

IEEE *Xplore* provides full-text access to IEEE transactions, journals, magazines and conference proceedings published since 1988 plus select content back to 1950, and all current IEEE Standards.

FREE TO ALL: Browse tables of contents and access Abstract records of IEEE transactions, journals, magazines, conference proceedings and standards.

IEEE MEMBERS: Browse or search to access any complete Abstract record as well as articles from IEEE Spectrum Magazine. Access your personal online subscriptions using your active IEEE Web Account. If you do not have one, go to "Establish IEEE Web Account" to set up an account.

CORPORATE, GOVERNMENT AND UNIVERSITY SUBSCRIBERS: Search and access complete Abstract records and full-text documents of the IEEE online publications to which your institution subscribes.

Your search matched **9** of **1051129** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or enter new one in the text box.

amplifier <near> traffic <and> parameters Search

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

---

1 **12 kW S-band solid state transmitter for modern radar systems**
Hanczor, M.; Kumar, M.;
Microwave Symposium Digest, 1993., IEEE MTT-S International , 14-18 June
Pages:1213 - 1216 vol.3

[Abstract] [PDF Full-Text (304 KB)] **IEEE CNF**

---

2 **Application of preemphasis to achieve flat output OSNR in time-var channels in cascaded EDFAs without equalization**
Menif, M.; Rusch, L.A.; Karasek, M.;
Lightwave Technology, Journal of , Volume: 19 , Issue: 10 , Oct. 2001
Pages:1440 - 1452

[Abstract] [PDF Full-Text (280 KB)] **IEEE JNL**

---

3 **New generation low cost S band high power solid state transmitter air traffic control and naval applications radars**
Eudeline, P.; Perez, P.; Lemette, J.P.;
Radar 97 (Conf. Publ. No. 449) , 14-16 Oct. 1997
Pages:512 - 516

[Abstract] [PDF Full-Text (560 KB)] **IEE CNF**

---

4 **Accurate noise characterization of wavelength converters based on in SOAs**
de la Corte, M.M.; Elmirghani, J.M.H.;
Lightwave Technology, Journal of , Volume: 21 , Issue: 1 , Jan. 2003
Pages:182 - 197

[Abstract] [PDF Full-Text (923 KB)] **IEEE JNL**

5 **12-kW S-band solid-state transmitter for modern radar systems**
Hanczor, M.; Kumar, M.;
Microwave Theory and Techniques, IEEE Transactions on , Volume: 41 , Issue 12 , Dec. 1993
Pages:2237 - 2242

[Abstract] [PDF Full-Text (568 KB)] IEEE JNL

6 **Effectiveness of gain control in EDFAs against traffic with different of bursty behaviour**
Karasek, M.; Bononi, A.; Rusch, L.A.; Menif, M.;
Optoelectronics, IEE Proceedings- , Volume: 147 , Issue: 5 , Oct. 2000
Pages:355 - 362

[Abstract] [PDF Full-Text (676 KB)] IEE JNL

7 **22-kW next generation low cost S-band solid state transmitter for surveillance and air traffic control radars**
Kumar, M.; Hanczor, M.; Voigt, H.; Cambigianis, G.; Sachs, R.; Bonilla, C.;
Microwave Symposium Digest, 1995., IEEE MTT-S International , 16-20 May
Pages:1601 - 1604 vol.3

[Abstract] [PDF Full-Text (432 KB)] IEEE CNF

8 **Improved methods of assessing feedback in wide-band multiloop amplifiers**
Maclean, D.;
Circuits and Systems, IEEE Transactions on , Volume: 27 , Issue: 9 , Sep 19
Pages:779 - 792

[Abstract] [PDF Full-Text (1752 KB)] IEEE JNL

9 **Use of active phased arrays for multiple-beam cellular communicati systems**
Zaghloul, A.I.; Kilic, O.;
Radio Science Conference, 2002. (NRSC 2002). Proceedings of the Nineteentl National , 19-21 March 2002
Pages:1 - 12

[Abstract] [PDF Full-Text (940 KB)] IEEE CNF

Your search matched **46** of **1051129** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or enter new one in the text box.

amplifier <near> traffic <and> transmission Search

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

---

1 **Numerical investigation on design of wide geographical optical-tran networks based on n/spl times/40-Gb/s transmission**
Matera, F.; Eramo, V.; Schiffini, A.; Guglielmucci, M.; Settembre, M.;
Lightwave Technology, Journal of , Volume: 21 , Issue: 2 , Feb. 2003
Pages:456 - 465

[Abstract] [PDF Full-Text (550 KB)] **IEEE JNL**

---

2 **640 Gb/s bidirectional optical transmission by sharing optical ampli and DCF**
Younghun Joo; Gyuwoong Lee; Raekyoung Kim; Sekang Park; Sungjin Park; Kwanwoong Song; Kiuk Song; Sungtae Kim; Seongtaek Hwang; Yunje Oh;
Lasers and Electro-Optics, 2002. CLEO '02. Technical Digest. Summaries of P
Presented at the , 19-24 May 2002
Pages:495 - 496 vol.1

[Abstract] [PDF Full-Text (355 KB)] **IEEE CNF**

---

3 **Bidirectional ULH Transmission of 160-Gb/s Full-Duplex Capacity O 5000 km in a Fully Bidirectional Recirculating Loop**
Garrett, L.D.; Eiselt, M.H.; Wiesenfeld, J.M.; Young, M.R.; Tkach, R.W.;
Photonics Technology Letters, IEEE , Volume: 16 , Issue: 7 , July 2004
Pages:1757 - 1759

[Abstract] [PDF Full-Text (224 KB)] **IEEE JNL**

---

4 **Ultralong-haul transmission of 40-Gb/s RZ-DPSK in a 10/40 G hybr system over 2500 km of NZ-DSF**
Agarwal, A.; Banerjee, S.; Grosz, D.F.; Kung, A.P.; Maywar, D.N.; Wood, T.H
Photonics Technology Letters, IEEE , Volume: 15 , Issue: 12 , Dec. 2003

Pages:1779 - 1781

[Abstract] [PDF Full-Text (223 KB)] IEEE JNL

---

5 **Transmission performance of transparent multi-wavelength optical cross-connected networks**
Castanon, G.A.; Tonguz, O.K.; Bononi, A.;
Computers and Communications, 1997. Proceedings., Second IEEE Symposiu on , 1-3 July 1997
Pages:323 - 329

[Abstract] [PDF Full-Text (616 KB)] IEEE CNF

---

6 **Ultra-dense terabit capacity WDM transmission in L-band**
Srivastava, A.K.; Radic, S.; Wolf, C.; Centannil, J.C.; Sulhoff, J.W.; Kantor, K Sun, Y.;
Optical Fiber Communication Conference, 2000 , Volume: 4 , 7-10 March 200
Pages:248 - 250 vol.4

[Abstract] [PDF Full-Text (224 KB)] IEEE CNF

---

7 **Numerical investigation on wide geographical networks based on N times/ 40 Gb/s transmission**
Matera, F.; Eramo, V.; Pizzinat, A.; Schiffini, A.; Guglielmucci, M.; Settembre
Optical Fiber Communication Conference and Exhibit, 2002. OFC 2002 , 17-2: March 2002
Pages:162 - 163

[Abstract] [PDF Full-Text (300 KB)] IEEE CNF

---

8 **Long distance digital subcarrier multiplexed lightwave systems**
Way, W.I.;
Lasers and Electro-Optics, 1999. CLEO/Pacific Rim '99. The Pacific Rim Confer on , Volume: 4 , 30 Aug.-3 Sept. 1999
Pages:1214 vol.4

[Abstract] [PDF Full-Text (52 KB)] IEEE CNF

---

9 **Study of the performance of a transparent and reconfigurable metropolitan area network**
Madamopoulos, N.; Friedman, D.C.; Tomkos, I.; Boskovic, A.;
Lightwave Technology, Journal of , Volume: 20 , Issue: 6 , June 2002
Pages:937 - 945

[Abstract] [PDF Full-Text (334 KB)] IEEE JNL

---

10 **Impact of transmission impairments on the teletraffic performance wavelength-routed optical networks**
Ramamurthy, B.; Datta, D.; Feng, H.; Heritage, J.P.; Mukherjee, B.;
Lightwave Technology, Journal of , Volume: 17 , Issue: 10 , Oct. 1999
Pages:1713 - 1723

[Abstract] [PDF Full-Text (272 KB)] IEEE JNL

---

11 **Interference wave performance of inter-vehicle communication an ranging system using spread spectrum technique**
Shimazu, M.; Mizui, K.;
Electrical and Computer Engineering, 2000 Canadian Conference on , Volume 2 , 7-10 March 2000
Pages:1052 - 1056 vol.2

[Abstract] [PDF Full-Text (240 KB)] **IEEE CNF**

---

12 **Combined teletraffic/transmission performance of optical cross-connected networks using hybrid-store-and-forward**
Castanon, G.A.; Tonguz, O.K.; Bononi, A.;
Global Telecommunications Conference, 1997. GLOBECOM '97., IEEE , Volum 2 , 3-8 Nov. 1997
Pages:856 - 862 vol.2

[Abstract] [PDF Full-Text (800 KB)] **IEEE CNF**

---

13 **Combined teletraffic-transmission analysis of a transparent space-division optical star network**
Bononi, A.;
Global Telecommunications Conference, 1996. GLOBECOM '96. 'Communicati The Key to Global Prosperity , Volume: 2 , 18-22 Nov. 1996
Pages:917 - 922 vol.2

[Abstract] [PDF Full-Text (548 KB)] **IEEE CNF**

---

14 **Challenges in component testing for optical systems**
Lunardi, L.M.; Feuer, M.D.; Chen, Y.; Singh, A.; Pavlik, R.; Gonzales, E.; Visc C.; Lumish, S.;
Lasers and Electro-Optics Society, 2001. LEOS 2001. The 14th Annual Meetin the IEEE , Volume: 2 , 12-13 Nov. 2001
Pages:540 - 541 vol.2

[Abstract] [PDF Full-Text (131 KB)] **IEEE CNF**

---

15 **National level fiber system application activities in China**
Zhao Zi-Sen;
Optical Fiber Communication Conference and Exhibit, 1998. OFC '98., Technic Digest , 22-27 Feb. 1998
Pages:95

[Abstract] [PDF Full-Text (132 KB)] **IEEE CNF**

---

1 2 3 4 Next

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top

Your search matched **46** of **1051129** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or enter new one in the text box.

amplifier <near> traffic <and> transmission Search

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

---

16 **Straight-line 4×2.5 gbit/s WDM transmission over 2600 km on a manufactured optically-amplified submarine cable system with 95 km repeater spacing**
Simeonidou, D.; Taylor, N.H.; Chaudhry, M.S.; Jones, K.P.; Morkel, P.R.;
Towards Terabit Transmission, IEE Colloquium on , 19 May 1995
Pages:17/1 - 17/5

[Abstract] [PDF Full-Text (196 KB)] **IEE CNF**

---

17 **An asymmetric bidirectional amplifier with all-optical gain control for randomly variable data traffic**
Bo-Hun Choi; Chang-Joon Chae;
Photonics Technology Letters, IEEE , Volume: 16 , Issue: 1 , Jan. 2004
Pages:287 - 289

[Abstract] [PDF Full-Text (272 KB)] **IEEE JNL**

---

18 **A bidirectional optical add-drop multiplexer with gain using multiple circulators, fiber Bragg gratings, and a single unidirectional optical amplifier**
An Vu Tran; Chang-Joon Chae; Tucker, R.S.;
Photonics Technology Letters, IEEE , Volume: 15 , Issue: 7 , July 2003
Pages:975 - 977

[Abstract] [PDF Full-Text (276 KB)] **IEEE JNL**

---

19 **BER performance of multiwavelength optical cross-connected network with deflection routing**
Castanon, G.A.; Tonguz, O.K.; Bononi, A.;
Communications, IEE Proceedings- , Volume: 144 , Issue: 2 , April 1997

Pages:114 - 120

[Abstract] [PDF Full-Text (672 KB)] IEE JNL

---

20 **Lightwave transmission network in Taiwan**
Wu-Jhy Chiu;
Optical Fiber Communication. OFC 97., Conference on , 16-21 Feb. 1997
Pages:63 - 64

[Abstract] [PDF Full-Text (212 KB)] IEEE CNF

---

21 **TDMA multiplexing of ATM cells in a residential access SuperPON**
Angelopoulos, J.D.; Lepidas, N.I.; Fragoulopoulos, E.K.; Venieris, I.S.;
Selected Areas in Communications, IEEE Journal on , Volume: 16 , Issue: 7 , 1998
Pages:1123 - 1133

[Abstract] [PDF Full-Text (160 KB)] IEEE JNL

---

22 **Calculating the optimal optical ultra-long haul network**
Sairam, K.V.S.S.S.S.; Gunasekaran, N.; Dattatreyan, C.;
Potentials, IEEE , Volume: 22 , Issue: 3 , Aug.-Sept. 2003
Pages:40 - 41

[Abstract] [PDF Full-Text (235 KB)] IEEE JNL

---

23 **Future photonic transport networks based on WDM technologies**
Yoshimura, H.; Sato, K.-I.; Takachio, N.;
Communications Magazine, IEEE , Volume: 37 , Issue: 2 , Feb. 1999
Pages:74 - 81

[Abstract] [PDF Full-Text (1284 KB)] IEEE JNL

---

24 **Advances in millimeter-wave subsystems in Japan**
Kitazume, S.; Kondo, H.;
Microwave Theory and Techniques, IEEE Transactions on , Volume: 39 , Issue 5 , May 1991
Pages:775 - 781

[Abstract] [PDF Full-Text (448 KB)] IEEE JNL

---

25 **Noise analysis for optical fiber communication systems**
Demir, A.;
Computer Aided Design, 2003. ICCAD-2003. International Conference on , 9-Nov. 2003
Pages:441 - 445

[Abstract] [PDF Full-Text (573 KB)] IEEE CNF

---

26 **Ultra-long haul DWDM for national networks**
Tkach, R.W.;
Advanced Semiconductor Lasers and Applications/Ultraviolet and Blue Lasers Their Applications/Ultralong Haul DWDM Transmission and Networking/WDM

Components, 2001 Digest of the LEOS Summer Topical Meetings , 30 July-1 /
2001
Pages:1 pp.

[Abstract] [PDF Full-Text (64 KB)] **IEEE CNF**

---

27 **Network architectures and requirements for widely tunable lasers**
Jenkins, D.W.; Holmstrom, R.P.;
Advanced Semiconductor Lasers and Applications/Ultraviolet and Blue Lasers Their Applications/Ultralong Haul DWDM Transmission and Networking/WDM Components, 2001 Digest of the LEOS Summer Topical Meetings , 30 July-1 / 2001
Pages:2 pp.

[Abstract] [PDF Full-Text (140 KB)] **IEEE CNF**

---

28 **Multi-carrier 16QAM over a linearized TWTA**
Katz, A.;
Microwave Symposium Digest, 2001 IEEE MTT-S International , Volume: 2 , 2
May 2001
Pages:1145 - 1148 vol.2

[Abstract] [PDF Full-Text (300 KB)] **IEEE CNF**

---

29 **Broadband 1.5 μm emission of Er^{3+} ions in bismuth-based oxide gl for WDM amplifier**
Sugimoto, N.; Kuroiwa, Y.; Ito, S.; Tanabe, S.; Hanada, T.;
Lasers and Electro-Optics Society 1999 12th Annual Meeting. LEOS '99. IEEE , Volume: 2 , 8-11 Nov. 1999
Pages:814 - 815 vol.2

[Abstract] [PDF Full-Text (104 KB)] **IEEE CNF**

---

30 **Intermodulation and bit-error ratio performance of a Ku-band multibeam high-power phased array**
Kohls, E.C.; Ekelman, E.P.; Zaghloul, A.I.; Assal, F.T.;
Antennas and Propagation Society International Symposium, 1995. AP-S. Digest , Volume: 3 , 18-23 June 1995
Pages:1404 - 1408 vol.3

[Abstract] [PDF Full-Text (316 KB)] **IEEE CNF**

Prev 1 2 3 4 Next

Your search matched **46** of **1051129** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or enter new one in the text box.

amplifier <near> traffic <and> transmission Search

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

---

31 **Transmission experiments carried out during the installation of TA**
Barnes, S.R.; Jeal, A.J.; Simeonidou, D.;
Transoceanic Cable Communications - TAT 12 and 13 Herald a New Era , IEE Colloquium on , 25 Mar 1996
Pages:7/1 - 7/4

[Abstract] [PDF Full-Text (192 KB)] **IEE CNF**

---

32 **32 /spl times/ 10 Gbit/s DWDM metropolitan network demonstrat with 10 waveband-ADMs and 155 km TeraLight/spl trade/ Metro fibe**
Noirie, L.; Dorgeuille, F.O.; Bisson, A.;
Optical Fiber Communication Conference and Exhibit, 2002. OFC 2002 , 17-2 March 2002
Pages:442 - 443

[Abstract] [PDF Full-Text (296 KB)] **IEEE CNF**

---

33 **40 Gbit/s photoreceiver with DC-coupled output and operation wit bias-T**
Mekonnen, G.G.; Bach, H.-G.; Schlaak, W.; Steingruber, K.; Seeger, A.; Passenberg, W.; Ebert, W.; Jacumeit, G.; Eckhardt, T.; Ziegler, R.; Beling, A.
Indium Phosphide and Related Materials Conference, 2002. IPRM. 14th , 12-1 2002
Pages:669 - 672

[Abstract] [PDF Full-Text (527 KB)] **IEEE CNF**

---

34 **Fast dynamics and power swings in doped-fiber amplifiers fed by h variable multimedia traffic**
Bononi, A.; Tancevski, L.; Rusch, L.A.;

Optical Fiber Communication Conference and Exhibit, 1998. OFC '98., Technic
Digest , 22-27 Feb. 1998
Pages:213 - 214

[Abstract] [PDF Full-Text (204 KB)] IEEE CNF

---

35 **The design of a European optical network**
O'Mahoney, M.J.; Simeonidou, D.; Yu, A.; Zhou, J.;
Lightwave Technology, Journal of , Volume: 13 , Issue: 5 , May 1995
Pages:817 - 828

[Abstract] [PDF Full-Text (1240 KB)] IEEE JNL

---

36 **Constraint-based design of optical transmission systems**
Alicherry, M.; Nagesh, H.; Poosala, V.;
Lightwave Technology, Journal of , Volume: 21 , Issue: 11 , Nov. 2003
Pages:2499 - 2510

[Abstract] [PDF Full-Text (714 KB)] IEEE JNL

---

37 **Hybrid wavelength-division-multiplexing systems for high-capacity digital and analog video trunking applications**
Keang-Po Ho; Hongxing Dai; Chinlon Lin; Shien-Kuei Liaw; Gysel, H.; Mani Ramachandran;
Photonics Technology Letters, IEEE , Volume: 10 , Issue: 2 , Feb. 1998
Pages:297 - 299

[Abstract] [PDF Full-Text (44 KB)] IEEE JNL

---

38 **GLOBECOM '90: IEEE Global Telecommunications Conference and Exhibition. `Communications: Connecting the Future' (Cat. No.90CH2 4)**

Global Telecommunications Conference, 1990, and Exhibition. 'Communicatio
Connecting the Future', GLOBECOM '90., IEEE , 2-5 Dec. 1990
[Abstract] [PDF Full-Text (1292 KB)] IEEE CNF

---

39 **Transmission enhancement by deployment of interferometric wavelength converters within all-optical cross connects**
Poulsen, H.N.; Mikkelsen, B.; Stubkjaer, K.E.;
Optical Fiber Communication. OFC 97., Conference on , 16-21 Feb. 1997
Pages:73 - 74

[Abstract] [PDF Full-Text (220 KB)] IEEE CNF

---

40 **All-optical remote gain switching in Er-doped fibre amplifiers**
Zirngibl, M.;
Electronics Letters , Volume: 27 , Issue: 13 , 20 June 1991
Pages:1164 - 1166

[Abstract] [PDF Full-Text (264 KB)] IEE JNL

---

41 **Fiber-optic bus-oriented single-hop interconnections among multi-**

transceiver stations
Birk, Y.;
Lightwave Technology, Journal of , Volume: 9 , Issue: 12 , Dec. 1991
Pages:1657 - 1664

[Abstract] [PDF Full-Text (764 KB)] **IEEE JNL**

---

42 **Submerged WDM network implementation using all optical wavele routers**
Simeonidou, D.; Sian, S.; Penticost, S.; Hazell, N.; Le Gourrierec, L.;
WDM Technology and Applications (Digest No. 1997/036), IEE Colloquium on Feb. 1997
Pages:5/1 - 5/5

[Abstract] [PDF Full-Text (248 KB)] **IEE CNF**

---

43 **An Advanced Geostationary Communications Platform**
Hawkes, T.; Clopp, W.; Lekan, J.;
Selected Areas in Communications, IEEE Journal on , Volume: 5 , Issue: 4 , M 1987
Pages:749 - 758

[Abstract] [PDF Full-Text (1080 KB)] **IEEE JNL**

---

44 **Proceedings of the 2003 IEEE International Symposium on Circuits Systems (Cat. No.03CH37430)**

Circuits and Systems, 2003. ISCAS '03. Proceedings of the 2003 Internationa Symposium on , Volume: 2 , 25-28 May 2003
[Abstract] [PDF Full-Text (3926 KB)] **IEEE CNF**

---

45 **Use of active phased arrays for multiple-beam cellular communicat systems**
Zaghloul, A.I.; Kilic, O.;
Radio Science Conference, 2002. (NRSC 2002). Proceedings of the Nineteentl National , 19-21 March 2002
Pages:1 - 12

[Abstract] [PDF Full-Text (940 KB)] **IEEE CNF**

Prev 1 2 3 4 Next

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top

Your search matched **46** of **1051129** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or enter new one in the text box.

amplifier <near> traffic <and> transmission Search

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

---

46 **Constraints on the design of 2-fiber bi-directional WDM rings with optical multiplexer section protection**
Pires, J.J.O.;
Advanced Semiconductor Lasers and Applications/Ultraviolet and Blue Lasers Their Applications/Ultralong Haul DWDM Transmission and Networking/WDM Components, 2001 Digest of the LEOS Summer Topical Meetings , 30 July-1 A 2001
Pages:2 pp.

[Abstract] [PDF Full-Text (148 KB)] **IEEE CNF**

Prev 1 2 3 4

Refine Search

Search Results -

Terms	Documents
L23 and 455	11

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L28

Refine Search

Recall Text Clear Interrupt

Search History

DATE: Friday, July 16, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR			
L28	L23 and 455	11	L28
L27	L23 and current near 455	0	L27
L26	L23 and cell adj base$2	2	L26
L25	L23 and factor	9	L25
L24	L23 and scheduler and calendar	2	L24
L23	amplif$4 near traffic	55	L23
L22	amplif$4 near traffic same parameters	2	L22
L21	amplif$4 near traffic same parameters and factor	2	L21
L20	L19 and scheduler	2	L20
L19	L17 and parameters and control	15	L19
L18	L17 and control and scheduler	2	L18
L17	amplif$4 near traffic	55	L17
L16	amplifier near traffic near parameters	0	L16
L15	L14 and amplifier	0	L15

L14	L12 and factor and parameters	11	L14
L13	"traffic control system" and scheduler and calendar and queu$5	48	L13
L12	L11 and queu$5	32	L12
L11	L5 and traffic same control and scheduler and calendar	32	L11
L10	L7 and calendar	1	L10
L9	L7 and scheduler	17	L9
L8	L7 and scheduler and calendar	1	L8
L7	709/232.ccls. and traffic near control	54	L7
L6	L3 and L5 and traffic same control same system	8	L6
L5	370/230-234.ccls.	1778	L5
L4	((709/232.ccls.) and (370/230-234.ccls.))	46	L4
L3	709/232.ccls.	865	L3
L2	(709/232.ccls. and 370/230-234.ccls.)	46	L2
L1	709/232.ccls. and 370/230-234.ccls.	46	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L23 and modulate$2	21

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L29

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Friday, July 16, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR			
L29	L23 and modulate$2	21	L29
L28	L23 and 455	11	L28
L27	L23 and current near 455	0	L27
L26	L23 and cell adj base$2	2	L26
L25	L23 and factor	9	L25
L24	L23 and scheduler and calendar	2	L24
L23	amplif$4 near traffic	55	L23
L22	amplif$4 near traffic same parameters	2	L22
L21	amplif$4 near traffic same parameters and factor	2	L21
L20	L19 and scheduler	2	L20
L19	L17 and parameters and control	15	L19
L18	L17 and control and scheduler	2	L18
L17	amplif$4 near traffic	55	L17
L16	amplifier near traffic near parameters	0	L16

L15	L14 and amplifier	0	L15
L14	L12 and factor and parameters	11	L14
L13	"traffic control system" and scheduler and calendar and queu$5	48	L13
L12	L11 and queu$5	32	L12
L11	L5 and traffic same control and scheduler and calendar	32	L11
L10	L7 and calendar	1	L10
L9	L7 and scheduler	17	L9
L8	L7 and scheduler and calendar	1	L8
L7	709/232.ccls. and traffic near control	54	L7
L6	L3 and L5 and traffic same control same system	8	L6
L5	370/230-234.ccls.	1778	L5
L4	((709/232.ccls.) and (370/230-234.ccls.))	46	L4
L3	709/232.ccls.	865	L3
L2	(709/232.ccls. and 370/230-234.ccls.)	46	L2
L1	709/232.ccls. and 370/230-234.ccls.	46	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L23 and modulate$2	21

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L29

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Friday, July 16, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR			
L29	L23 and modulate$2	21	L29
L28	L23 and 455	11	L28
L27	L23 and current near 455	0	L27
L26	L23 and cell adj base$2	2	L26
L25	L23 and factor	9	L25
L24	L23 and scheduler and calendar	2	L24
L23	amplif$4 near traffic	55	L23
L22	amplif$4 near traffic same parameters	2	L22
L21	amplif$4 near traffic same parameters and factor	2	L21
L20	L19 and scheduler	2	L20
L19	L17 and parameters and control	15	L19
L18	L17 and control and scheduler	2	L18
L17	amplif$4 near traffic	55	L17
L16	amplifier near traffic near parameters	0	L16

L15	L14 and amplifier	0	L15
L14	L12 and factor and parameters	11	L14
L13	"traffic control system" and scheduler and calendar and queu$5	48	L13
L12	L11 and queu$5	32	L12
L11	L5 and traffic same control and scheduler and calendar	32	L11
L10	L7 and calendar	1	L10
L9	L7 and scheduler	17	L9
L8	L7 and scheduler and calendar	1	L8
L7	709/232.ccls. and traffic near control	54	L7
L6	L3 and L5 and traffic same control same system	8	L6
L5	370/230-234.ccls.	1778	L5
L4	((709/232.ccls.) and (370/230-234.ccls.))	46	L4
L3	709/232.ccls.	865	L3
L2	(709/232.ccls. and 370/230-234.ccls.)	46	L2
L1	709/232.ccls. and 370/230-234.ccls.	46	L1

END OF SEARCH HISTORY